

TRI Facility Data Profile

FACILITY INFORMATION:

TRI Facility Identification No: 98108RLMJR8531E

Facility Name and Address:

JORGENSEN FORGE CORP
8531 E MARGINAL WAY S
TUKWILA (COUNTY: KING) WA 98108

Mailing Address:

JORGENSEN FORGE CORP
8531 E MARGINAL WAY S
TUKWILA, WA 98108

Technical Contact Information:

Name: RONALD ALTIER

Phone: 206-676-9249

Email: RALTIER@JORGENSENFORGE.COM

Public Contact Information:

Name: RONALD ALTIER

Phone: 206-676-9249

Email: RALTIER@JORGENSENFORGE.COM

Reporting for: An entire facility

Facility Type (Federal/GOCO/Commercial): COMMERCIAL

Parent Company Name: JFC HOLDING CORP

Parent Company Dun & Bradstreet No: 161949409

SIC Code

NAICS Code

**Facility Dun &
Bradstreet No.**

3462

332111

790885842

INSTRUCTIONS FOR RESPONDING TO TRI FACILITY DATA PROFILE

This Facility Data Profile (FDP) presents the information you have submitted on the Form R and/or Form

- A submissions that EPA has entered into the Toxics Release Inventory database. The specific chemicals covered by this FDP are shown in the Chemical Report Summary section.

Please review this FDP to make sure that EPA has accurately entered your submitted information. If you identify no errors in the data presented and EPA has identified no errors, **NO RESPONSE IS NEEDED**.

- If any of the data are incorrect, or you have discovered an error in your submitted data, please revise the submission by using one of the following methods:
 1. **TRI-MEweb via Internet (Central Data Exchange)** - If you submitted using **TRIMEweb**, the preferred method to submitting revised TRI forms is through the use of **TRIMEweb**. If you have questions about submitting forms via **TRIMEweb**, please contact the CDX Hotline at helpdesk@epacdx.net or call 888-890-1995. You can only revise data via TRIME-Web beginning with Reporting Year (RY) 2005 submissions.
 2. **Hard Copy Form** - Although EPA strongly discourages paper submissions due to the increased possibility of errors, you may make corrections by one of three hard copy methods:
 - a. Facility Data Profile (FDP)
 - b. Photocopy of Original
 - c. Blank Form
 - a) **Facility Data Profile** - The FDP presents the information a facility submitted to EPA, and includes any identified errors with the submission. If you use the FDP to make corrections, you must submit the full Form R or Form A Certification Statement equivalent for each chemical. You make your revisions by marking-up the FDP in blue ink. Also, you must sign and submit the Certification Statement contained on a separate page in this document. If you do not have a copy of the facility FDP, you can retrieve it from the internet at www.triefdp.org. If you have questions about how to respond by using your FDP, please contact tri.efdp@epacdx.net or call 703-227-7644. Please remember to send a copy to your appropriate State agency.
 - b) **Photocopy of Original Submission** - You may submit a photocopy of your original submission (from your file) with the corrections made in blue ink. Please remember to re-sign and re-date the certification and enter an "X" in the space marked "Enter 'X' here if this is a revision," on page 1 of the form and send a copy to your appropriate State agency.
 - c) **Blank Form** - Hard copy submissions may be submitted using the form applicable for that particular reporting year or the most recent form available. You can request prior year reporting forms at tridocs@epa.gov. Please remember to certify and date the form and enter an "X" in the space marked "Enter 'X' here if this is a revision," on page 1 of the form and send a copy to your appropriate State agency.
- Please keep in mind the FDP does not serve as a means to withdraw TRI data. For information regarding TRI withdrawal procedures, please visit www.epa.gov/tri.

CERTIFICATION STATEMENT

I hereby certify that I have reviewed the attached pages from the Facility Data Profile, and to the best of my knowledge and belief, the submitted information and any corrections I have made to it are true and complete and that the amounts and values presented are accurate based on reasonable estimates using data available to the preparers of this response.

Name and official Title of Owner/Operator or Senior Management Official (Print)

Signature

Date

RESPONSE ADDRESSES	
Regular mail: TRI Reporting Center P.O. Box 10163 Fairfax, VA 22038 Attention: TRI Revision Request	Certified Mail, Overnight Delivery, Hand Delivery: TRI Data Processing Center c/o CGI Federal, Inc 12601 Fair Lakes Circle Fairfax, VA 22033 Attention: TRI Revision Request
Remember: Send a copy to your State.	

CHEMICAL REPORT SUMMARY

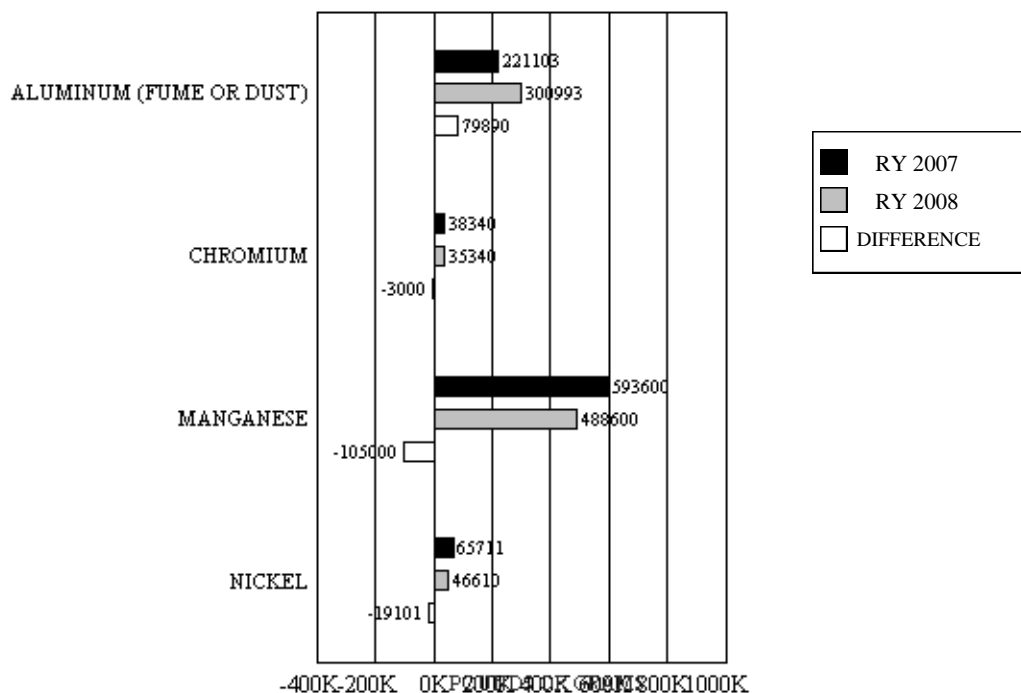
* Data for this chemical report (Form R or A) included in the Chemical Reports section of this FDP. (W) = Withdrawn Chemical

Chemical/Generic/ Mixture Name	Original Postmark Date	Postmark Date	Received Date	NOSE Error Count	NOTE Error Count	NDC Error Count	NDC (facility level) Error Count	Data Quality Alert Count
Reporting Year : 2004								
ALUMINUM (FUME OR DUST)	07-01-2005	07-01-2005	07-06-2005	NA	NA	NA	NA	NA
CHROMIUM *	07-01-2005		02-15-2010	0	4	1	2	1
MANGANESE *	07-01-2005		02-15-2010	0	2	1	2	0
NICKEL *	07-01-2005		02-15-2010	0	3	1	2	1

RELEASE COMPARISON REPORT

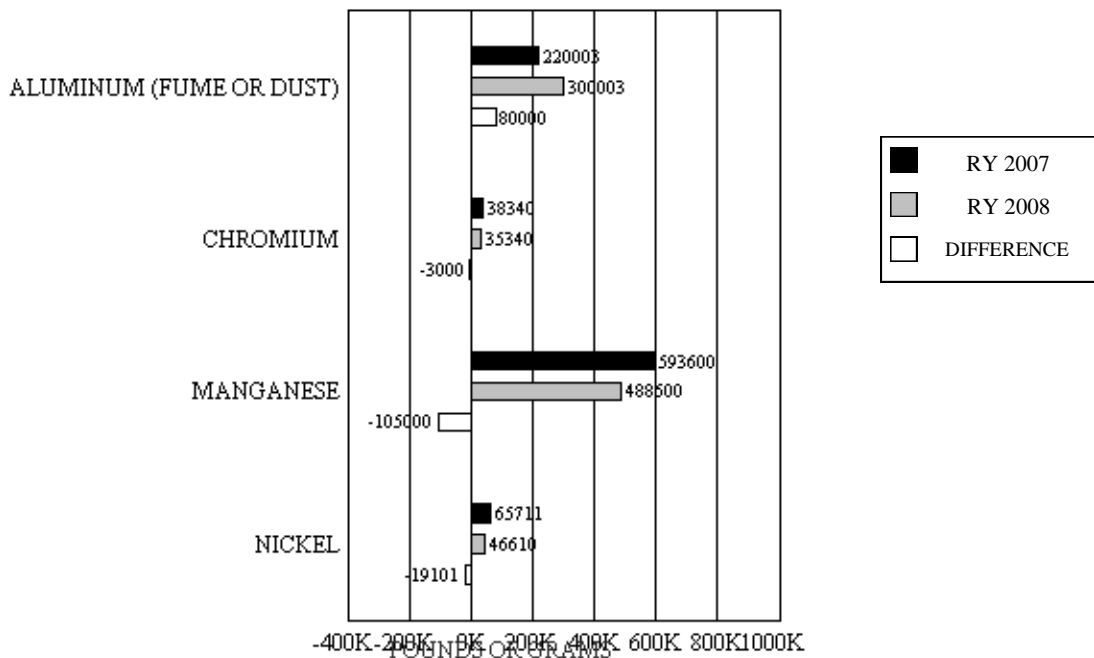
Total On-site Releases and Off-site Disposal (sum of all of section 5 on-site release plus metals to a POTW plus section 6.2 off-site transfer for disposal (this includes only waste management codes for disposal: M10, M41, M62, M63, M64, M65, M66, M67, M71, M72, M73, M79, M81, M82, M90, M91, M94 and M99). Note: a median value is used for releases reported as range codes A = 5, B = 250 and C= 750)

Chemical	RY 2007	RY 2008	Difference
ALUMINUM (FUME OR DUST)	221,103	300,993	79,890
CHROMIUM	38,340	35,340	-3,000
MANGANESE	593,600	488,600	-105,000
NICKEL	65,711	46,610	-19,101



Total Production Related Waste Management (sum of 8.1 - 8.7 column B)

Chemical	RY 2007	RY 2008	Difference
ALUMINUM (FUME OR DUST)	220,003	300,003	80,000
CHROMIUM	38,340	35,340	-3,000
MANGANESE	593,600	488,600	-105,000
NICKEL	65,711	46,610	-19,101



Errors Identified In This Report

In this section we identify any Notice of Significant Error (NOSE) level errors and/or any Notice of Technical Error (NOTE) level errors that we have identified and/or any Non-Technical Data Changes (NDC) that we have made.

NOSEs

NOSEs identify errors that prevent your submission from being entered into our database or identify missing critical information. Invalid forms, missing pages, no certification signature, and no chemical name or CAS number are examples of significant errors.

Please note: you will receive in the mail a paper copy of your NOSE. NOSE level errors should be responded to and corrected by submitting a marked up paper copy of the FDP with the signed certification statement on page 3 of this FDP. If your NOSE level error is due to only a missing signature, please sign and submit the certification statement in this FDP.

NOTEs

NOTEs identify erroneous data or missing data that are required. Some examples of NOTE type errors are invalid codes or incomplete data. These errors can distort your facility's information in EPA's public data products or skew analyses. We encourage you to respond with corrections to these types of errors as soon as possible so that these changes may be incorporated into our database in time for the public data release.

If we indicate NOTE level errors in this section, or if you discover that we omitted or inaccurately altered your submitted data, please mark through the erroneous value in the Facility Information or Chemical Report section of this FDP and write the correct value next to it.

NDCs

NDCs notify you of changes that EPA has made to correct simple, clerical errors found in your data. An example of a NDC might be transposition of characters within a CAS number. It is not necessary to respond to a NDC unless you believe we have made an error in our change.

DQA

A Data Quality Alert (DQA) informs facilities of possible reporting issues. The DQA is offered to assist the facility in ensuring accurate reporting of releases and transfers.

Reporting Year: 2004

Error Summary Page

DCN: 13-04-207-14266-8
File Number: SU-10-00000154-5

Chemical Name: CHROMIUM

Error Counts For This Chemical	
NOSE Errors :	0
NOTE Errors :	4
NDC Errors :	1
NDC Errors (Facility level) :	2
DQA :	1

Detail List Of Errors: (Note: Form R/A data for this chemical follows this error summary)

NOTE #1 You did not complete Part II, Section 6.1, "Discharges to POTW." If you did not discharge wastewater containing the 313 chemical to a POTW(s), enter "NA" (Not Applicable), otherwise please provide the Transfer amount or range code (for non-PBT chemicals), Basis of Estimate, POTW Name and Location.

Part II Section 6.1 DISCHARGES TO POTWS.

NOTE #2 You reported an Off-site name and location, but there are missing or incomplete data for the off-site transfer amount, basis of estimate and type of waste management code. Please provide the Off-site Transfer amount or range code (for non-PBT chemicals), Basis of Estimate, and type of Waste Management code.

Part II Section 6.2.1.1 TRANSFERS TO OTHER OFF-SITE LOCATIONS.

NOTE #3 You reported an Off-site name and location, but there are missing or incomplete data for the off-site transfer amount, basis of estimate and type of waste management code. Please provide the Off-site Transfer amount or range code (for non-PBT chemicals), Basis of Estimate, and type of Waste Management code.

Part II Section 6.2.2.1 TRANSFERS TO OTHER OFF-SITE LOCATIONS.

NOTE #4 There are missing data in Part II, Section 8.8. Please provide an estimate or "NA" (Not Applicable). You may only use "NA" (Not Applicable) when there is no possibility a release or transfer occurred. You may enter zero if the release or transfer was equal to or less than half a pound.

Part II Section 8.8 SOURCE REDUCTION AND RECYCLING ACTIVITIES. ONE TIME RELEASE

NDC #1 EPA has deleted the entry of zeros or NA in Part II, Section 1.4 because you indicated a CAS number or chemical category code in Part II, Section 1.1 other than Dioxin and Dioxin-like Compounds , and a matching corresponding chemical name in Section 1.2. When reporting for a chemical other than Dioxin and Dioxin-like Compounds, you should leave Section 1.4 blank.

Part II Section 1.1.4 DIOXIN AND DIOXIN-LIKE COUMPOUNDS DISTRIBUTION

Reporting Year: 2004

Error Summary Page

DCN: 13-04-207-14266-8
File Number: SU-10-00000154-5

Chemical Name: CHROMIUM

NDC(facility level)
#1

EPA has corrected the county name, city name, state code, and/ or zip code that you identified in Part I,Section 4.1. The county name, city name, state code, and/ or zip code that you identified was either mis-spelled, or incorrect, or did not match the previous year submissions. If you feel our correction was made in error, please resubmit forms with correct information.

Part I Section 4.1 FACILITY ADDRESS

	SUBMITTED :	ASSIGNED:
CITY:	TUKWILA	TUKWILA
COUNTY:	KING COUNTY	KING
STATE:	WA	WA
ZIP CODE:	98108	98108

NDC(facility level)
#2

In Part I, Section 4.1, you have used an invalid TRIFID or you have self-assigned your own TRIFID or TRIFID that has been superceded. You may not generate your own TRIFID. The TRI Data Processing Center assigns this number to a facility. EPA has corrected this error and assigned you the correct TRIFID. Please note the corrected TRIFID and keep it for use in future submissions.

Part I Section 4.1 TRI FACILITY ID NUMBER

SUBMITTED TRIFID:	ASSIGNED TRIFID:
98108RLMJ8531E	98108RLMJR8531E

DQA #1

According to our preliminary analysis, you may have made a mathematical error in calculating values in Section 8 for this toxic chemical. Since you have reported a value of zero or NA for remedial actions, catastrophic events or one time events not associated with production processes in Part II Section 8.8, the sum of estimates reported in Section 8.1c Column B, Section 8.1d Column B, and Section 8.7 Column B should be based on the data collected to complete Section 6.1 and Section 6.2 associated with disposal and treatment codes. EPA has summed your Section 6.1 and Section 6.2 quantities and found this calculated value to differ from the sum of the Section 8.1c Column B, Section 8.1d Column B, and Section 8.7 Column B quantities by more than 5%. When encountering a range code, EPA includes the mid point of the range code in its calculation. This discrepancy may be the result of your use of a value other than the mid point of a range code or may be the result of rounding in Section 8. Please review your Part II, Section 8.1c Column B and Section 8.1d Column B and 8.7 Column B estimates and confirm that you have properly summed Part II, Section 6 release, disposal, and transfer data.

Part II Section 6.1,6.2,8.1,8.7 MULTI SECTION ALERT

Reporting Year: 2004
Chemical Name: CHROMIUM

Form R Report

DCN: 13-04-207-14266-8
File Number: SU-10-00000154-5

PART I:

1.0 Reporting Year: 2004

2.0 Trade Secret Information: 2.1 Trade Secret: NO 2.2 Sanitized: NO

3.0 Certification: Official Name: RONALD ALTIER Title: VICE PRESIDENT ADMINISTRATION Date Signed: 02-06-2010

4.2 This Report Contains Information for:

a. An entire facility: YES b. Part of a facility: NO c. A Federal Facility: NO GOCO: NO

Withdrawal Reason

4.5 SIC Code(s): 3462 - Primary SIC

Revision Reason

PART II:

1.0 Toxic Chemical Identity:

1.1 CAS Number or Chemical Category Code: 7440473

1.2 Toxic Chemical or Chemical Category Name: CHROMIUM

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category:

1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17:

2.0 Mixture Component Identity:

2.1 Generic Chemical Name Provided By Supplier: NA

3.0 Activities and Uses of the Toxic Chemical at the Facility:

3.1 Manufacture the toxic chemical:

If Produce or Import:

A. Produce: YES

C. For on-site use/processing: NO

D. For sale/distribution: NO

B. Import: NO

E. As a byproduct: NO

F. As an impurity: YES

3.2 Process the toxic chemical:

A. As a reactant: NO

B. As a formulation component: NO

C. As an article component: YES

D. Repackaging: NO

E. As an impurity: NO

3.3 Otherwise use the toxic chemical:

A. As a chemical processing aid: NO

B. As a manufacture aid: NO

C. Ancillary or other use: NO

4.1 Maximum Amount of the Toxic Chemical On-Site at any Time During the Year: 03

Range from 1,000 To 9,999 (lb)

5.0 Quantity of the Toxic Chemical Entering Each Environmental Medium On-site

Air Emissions

A. Total
Release

B. Basis of
Estimate

5.1 Fugitive Or Non-Point Air Emissions

NA

5.2 Stack Or Point Air Emissions

NA

Reporting Year: 2004

Form R continued

DCN: 13-04-207-14266-8
File Number: SU-10-00000154-5

Chemical Name: CHROMIUM

5.3 Discharges to Receiving Streams or Water Bodies Stream or water body name:	A. Total Release	B. Basis of Estimate	C. % from Stormwater
5.3.1 NA			

Underground Injection/Land Disposal	A. Total Release	B. Basis of Estimate
5.4.1 Underground Injection On-Site To Class I Wells	NA	
5.4.2 Underground Injection On-Site To Class II-V Wells	NA	
5.5.1A RCRA Subtitle C Landfills	NA	
5.5.1B Other Landfills	NA	
5.5.2 Land Treatment / Application Farming	NA	
5.5.3A RCRA Subtitle C surface impoundments	NA	
5.5.3B Other surface impoundments	NA	
5.5.4 Other Disposal	NA	

6.0 Transfers of the Toxic Chemical in Wastes to Off-site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers: NA 6.1.A.2 Basis of Estimate:

6.1.B.1 POTW NAME:
POTW Address:
City: County: State: Zip:

6.2 Transfers to Other Off-site Locations

6.2.1 Off-Site EPA Identification Number (RCRA ID No.) : ORD089452353

Off-Site Location Name: CHEMICAL WASTE MANAGEMENT OF THE NORTHWEST

Off-site Address: 17629 CEDAR SPRINGS LN

City: ARLINGTON State: OR County: GILLIAM Province: Zip: 97812 Country:

Location under control of reporting facility or parent company: YES

A. Total Transfers	B. Basis of Estimate	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery
1 6557 Pounds	O - Other	M41-Solidification/Stabilization-Metals and Metal Compounds only

6.2.2 Off-Site EPA Identification Number (RCRA ID No.) : ORQ000014886

Off-Site Location Name: WASCO COUNTY LANDFILL

Off-site Address: 2550 STEELE RD

City: THE DALLES State: OR County: WASCO Province: Zip: 97058 Country:

Location under control of reporting facility or parent company: NO

A. Total Transfers	B. Basis of Estimate	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery
1 6400 Pounds	O - Other	M64 - Other Landfills

Reporting Year: 2004

Form R continued

DCN: 13-04-207-14266-8
File Number: SU-10-00000154-5

Chemical Name: CHROMIUM

7A On-Site Waste Treatment Methods & Efficiency

- 7A.1 a. General Waste Stream: NA
b. Waste Treatment Method Sequence:
c. Range of Influent Concentration:
d. Waste Treatment Efficiency Estimate(%):
e. Based on Operating Data:

7B On-site Energy Recovery Processes

1. NA

7C On-site Recycling Processes

1. NA

8.0 Source Reduction & Recycling Activities *

*Note: All values are in Pounds

		Col. A Prior Year	Col. B Current Year	Col. C Following Year	Col. D Second Following Year
8.1a	Total on-site disposal to UIC Class I Wells, RCRA Subtitle C landfills and other landfills	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.1b	Total other on-site disposal or other releases	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.1c	Total off-site disposal to UIC Class I Wells, RCRA Subtitle C landfills and other landfills	<u>24287</u>	<u>6400</u>	<u>7000</u>	<u>7700</u>
8.1d	Total other off-site disposal or other releases	<u>NA</u>	<u>6600</u>	<u>7300</u>	<u>8000</u>
8.2	Quantity Used For Energy Recovery On-Site	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.3	Quantity Used For Energy Recovery Off-Site	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.4	Quantity Recycled On-Site	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.5	Quantity Recycled Off-Site	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.6	Quantity Treated On-Site	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.7	Quantity Treated Off-Site	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.8	Quantity Released as a Result of Remedial, Catastrophic, or One Time Events	<u>NA</u>			
8.9	Production Ratio or Activity Index	<u>1.66</u>			

Reporting Year: 2004

Form R continued

DCN: 13-04-207-14266-8
File Number: SU-10-00000154-5

Chemical Name: CHROMIUM

8.10 Source Reduction Activities:

Method A

Method B

Method C

8.10.1 NA

8.11 Additional Information Included: NO

Reporting Year: 2004

Error Summary Page

DCN: 13-04-207-14267-0
File Number: SU-10-00000155-8

Chemical Name: MANGANESE

Error Counts For This Chemical	
NOSE Errors :	0
NOTE Errors :	2
NDC Errors :	1
NDC Errors (Facility level) :	2
DQA :	0

Detail List Of Errors: (Note: Form R/A data for this chemical follows this error summary)

NOTE #1 You did not complete Part II, Section 6.1, "Discharges to POTW." If you did not discharge wastewater containing the 313 chemical to a POTW(s), enter "NA" (Not Applicable), otherwise please provide the Transfer amount or range code (for non-PBT chemicals), Basis of Estimate, POTW Name and Location.

Part II Section 6.1 DISCHARGES TO POTWS.

NOTE #2 There are missing data in Part II, Section 8.8. Please provide an estimate or "NA" (Not Applicable). You may only use "NA" (Not Applicable) when there is no possibility a release or transfer occurred. You may enter zero if the release or transfer was equal to or less than half a pound.

Part II Section 8.8 SOURCE REDUCTION AND RECYCLING ACTIVITIES. ONE TIME RELEASE

NDC #1 EPA has deleted the entry of zeros or NA in Part II, Section 1.4 because you indicated a CAS number or chemical category code in Part II, Section 1.1 other than Dioxin and Dioxin-like Compounds , and a matching corresponding chemical name in Section 1.2. When reporting for a chemical other than Dioxin and Dioxin-like Compounds, you should leave Section 1.4 blank.

Part II Section 1.1.4 DIOXIN AND DIOXIN-LIKE COUMPOUNDS DISTRIBUTION

NDC(facility level) #1 EPA has corrected the county name, city name, state code, and/ or zip code that you identified in Part I,Section 4.1. The county name, city name, state code, and/ or zip code that you identified was either mis-spelled, or incorrect, or did not match the previous year submissions. If you feel our correction was made in error, please resubmit forms with correct information.

Part I Section 4.1 FACILITY ADDRESS

	SUBMITTED :	ASSIGNED:
CITY:	TUKWILA	TUKWILA
COUNTY:	KING COUNTY	KING
STATE:	WA	WA
ZIP CODE:	98108	98108

Reporting Year: 2004

Error Summary Page

DCN: 13-04-207-14267-0
File Number: SU-10-00000155-8

Chemical Name: MANGANESE

NDC(facility level) #2	In Part I, Section 4.1, you have used an invalid TRIFID or you have self-assigned your own TRIFID or TRIFID that has been superceded. You may not generate your own TRIFID. The TRI Data Processing Center assigns this number to a facility. EPA has corrected this error and assigned you the correct TRIFID. Please note the corrected TRIFID and keep it for use in future submissions.
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Part I Section 4.1

TRI FACILITY ID NUMBER

SUBMITTED TRIFID:

98108RLMJ8531E

ASSIGNED TRIFID:

98108RLMJR8531E

Reporting Year: 2004
Chemical Name: MANGANESE

Form R Report

DCN: 13-04-207-14267-0
File Number: SU-10-00000155-8

PART I:

1.0 Reporting Year: 2004

2.0 Trade Secret Information: 2.1 Trade Secret: NO 2.2 Sanitized: NO

3.0 Certification: Official Name: RONALD ALTIER Title: VICE PRESIDENT ADMINISTRATION Date Signed: 02-06-2010

4.2 This Report Contains Information for:

a. An entire facility: YES b. Part of a facility: NO c. A Federal Facility: NO GOCO: NO

Withdrawal Reason

4.5 SIC Code(s): 3462 - Primary SIC

Revision Reason

PART II:

1.0 Toxic Chemical Identity:

1.1 CAS Number or Chemical Category Code: 7439965

1.2 Toxic Chemical or Chemical Category Name: MANGANESE

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category:

1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17:

2.0 Mixture Component Identity:

2.1 Generic Chemical Name Provided By Supplier: NA

3.0 Activities and Uses of the Toxic Chemical at the Facility:

3.1 Manufacture the toxic chemical:

If Produce or Import:

A. Produce: YES

C. For on-site use/processing: NO

D. For sale/distribution: NO

B. Import: NO

E. As a byproduct: NO

F. As an impurity: YES

3.2 Process the toxic chemical:

A. As a reactant: NO

B. As a formulation component: NO

C. As an article component: YES

D. Repackaging: NO

E. As an impurity: NO

3.3 Otherwise use the toxic chemical:

A. As a chemical processing aid: NO

B. As a manufacture aid: NO

C. Ancillary or other use: NO

4.1 Maximum Amount of the Toxic Chemical On-Site at any Time During the Year: 04

Range from 10,000 To 99,999 (lb)

5.0 Quantity of the Toxic Chemical Entering Each Environmental Medium On-site

Air Emissions	A. Total Release	B. Basis of Estimate
5.1 Fugitive Or Non-Point Air Emissions	NA	
5.2 Stack Or Point Air Emissions	NA	

Reporting Year: 2004

Form R continued

DCN: 13-04-207-14267-0
File Number: SU-10-00000155-8

Chemical Name: MANGANESE

5.3 Discharges to Receiving Streams or Water Bodies	A. Total	B. Basis of	C. % from
Stream or water body name:	Release	Estimate	Stormwater
5.3.1 NA			

Underground Injection/Land Disposal	A. Total	B. Basis of
	Release	Estimate
5.4.1 Underground Injection On-Site To Class I Wells	NA	
5.4.2 Underground Injection On-Site To Class II-V Wells	NA	
5.5.1A RCRA Subtitle C Landfills	NA	
5.5.1B Other Landfills	NA	
5.5.2 Land Treatment / Application Farming	NA	
5.5.3A RCRA Subtitle C surface impoundments	NA	
5.5.3B Other surface impoundments	NA	
5.5.4 Other Disposal	NA	

6.0 Transfers of the Toxic Chemical in Wastes to Off-site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers: NA 6.1.A.2 Basis of Estimate:

6.1.B.1 POTW NAME:
POTW Address:
City: County: State: Zip:

6.2 Transfers to Other Off-site Locations

6.2.1 Off-Site EPA Identification Number (RCRA ID No.) : ORD089452353

Off-Site Location Name: CHEMICAL WASTE MANAGEMENT OF THE NORTHWEST

Off-site Address: 17629 CEDAR SPRINGS LN

City: ARLINGTON State: OR County: GILLIAM Province: Zip: 97812 Country:

Location under control of reporting facility or parent company: NO

A. Total	B. Basis of	C. Type of Waste Treatment/Disposal/
Transfers	Estimate	Recycling/Energy Recovery
1 25384 Pounds	M-Data Monitoring Or Measurements	M41-Solidification/Stabilization-Metals and Metal Compounds only

6.2.2 Off-Site EPA Identification Number (RCRA ID No.) : ORQ000014886

Off-Site Location Name: WASCO COUNTY LANDFILL

Off-site Address: 2550 STELE RD

City: DALLES State: OR County: WASCO Province: Zip: 97058 Country:

Location under control of reporting facility or parent company: NO

A. Total	B. Basis of	C. Type of Waste Treatment/Disposal/
Transfers	Estimate	Recycling/Energy Recovery
1 250000 Pounds	M-Data Monitoring Or Measurements	M64-Other Landfills

Reporting Year: 2004

Form R continued

DCN: 13-04-207-14267-0
File Number: SU-10-00000155-8

Chemical Name: MANGANESE

7A On-Site Waste Treatment Methods & Efficiency

- 7A.1 a. General Waste Stream: NA
b. Waste Treatment Method Sequence:
c. Range of Influent Concentration:
d. Waste Treatment Efficiency Estimate(%):
e. Based on Operating Data:

7B On-site Energy Recovery Processes

1. NA

7C On-site Recycling Processes

1. NA

8.0 Source Reduction & Recycling Activities *

*Note: All values are in Pounds

		Col. A Prior Year	Col. B Current Year	Col. C Following Year	Col. D Second Following Year
8.1a	Total on-site disposal to UIC Class I Wells, RCRA Subtitle C landfills and other landfills	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.1b	Total other on-site disposal or other releases	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.1c	Total off-site disposal to UIC Class I Wells, RCRA Subtitle C landfills and other landfills	<u>363665</u>	<u>250000</u>	<u>280000</u>	<u>310000</u>
8.1d	Total other off-site disposal or other releases	<u>NA</u>	<u>25000</u>	<u>28000</u>	<u>31000</u>
8.2	Quantity Used For Energy Recovery On-Site	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.3	Quantity Used For Energy Recovery Off-Site	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.4	Quantity Recycled On-Site	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.5	Quantity Recycled Off-Site	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.6	Quantity Treated On-Site	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.7	Quantity Treated Off-Site	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.8	Quantity Released as a Result of Remedial, Catastrophic, or One Time Events	<u>NA</u>			
8.9	Production Ratio or Activity Index	<u>1.66</u>			

Reporting Year: 2004

Form R continued

DCN: 13-04-207-14267-0
File Number: SU-10-00000155-8

Chemical Name: MANGANESE

8.10 Source Reduction Activities:

Method A

Method B

Method C

8.10.1 NA

8.11 Additional Information Included: NO

Reporting Year: 2004
Chemical Name: NICKEL

Error Summary Page

DCN: 13-04-207-14270-6
File Number: SU-10-00000156-0

Error Counts For This Chemical	
NOSE Errors :	0
NOTE Errors :	3
NDC Errors :	1
NDC Errors (Facility level) :	2
DQA :	1

Detail List Of Errors: (Note: Form R/A data for this chemical follows this error summary)

NOTE #1 You did not complete Part II, Section 6.1, "Discharges to POTW." If you did not discharge wastewater containing the 313 chemical to a POTW(s), enter "NA" (Not Applicable), otherwise please provide the Transfer amount or range code (for non-PBT chemicals), Basis of Estimate, POTW Name and Location.

Part II Section 6.1 DISCHARGES TO POTWS.

NOTE #2 You reported an Off-site name and location, but there are missing or incomplete data for the off-site transfer amount, basis of estimate and type of waste management code. Please provide the Off-site Transfer amount or range code (for non-PBT chemicals), Basis of Estimate, and type of Waste Management code.

Part II Section 6.2.2.1 TRANSFERS TO OTHER OFF-SITE LOCATIONS.

NOTE #3 There are missing data in Part II, Section 8.8. Please provide an estimate or "NA" (Not Applicable). You may only use "NA" (Not Applicable) when there is no possibility a release or transfer occurred. You may enter zero if the release or transfer was equal to or less than half a pound.

Part II Section 8.8 SOURCE REDUCTION AND RECYCLING ACTIVITIES. ONE TIME RELEASE

NDC #1 EPA has deleted the entry of zeros or NA in Part II, Section 1.4 because you indicated a CAS number or chemical category code in Part II, Section 1.1 other than Dioxin and Dioxin-like Compounds , and a matching corresponding chemical name in Section 1.2. When reporting for a chemical other than Dioxin and Dioxin-like Compounds, you should leave Section 1.4 blank.

Part II Section 1.1.4 DIOXIN AND DIOXIN-LIKE COUMPOUNDS DISTRIBUTION

NDC(facility level) #1 EPA has corrected the county name, city name, state code, and/ or zip code that you identified in Part I,Section 4.1. The county name, city name, state code, and/ or zip code that you identified was either mis-spelled, or incorrect, or did not match the previous year submissions. If you feel our correction was made in error, please resubmit forms with correct information.

Reporting Year: 2004
Chemical Name: NICKEL

Error Summary Page

DCN: 13-04-207-14270-6
File Number: SU-10-00000156-0

Part I Section 4.1 FACILITY ADDRESS

	SUBMITTED :	ASSIGNED:
CITY:	TUKWILA	TUKWILA
COUNTY:	KING COUNTY	KING
STATE:	WA	WA
ZIP CODE:	98108	98108

NDC(facility level) #2 In Part I, Section 4.1, you have used an invalid TRIFID or you have self-assigned your own TRIFID or TRIFID that has been superceded. You may not generate your own TRIFID. The TRI Data Processing Center assigns this number to a facility. EPA has corrected this error and assigned you the correct TRIFID. Please note the corrected TRIFID and keep it for use in future submissions.

Part I Section 4.1 TRI FACILITY ID NUMBER

SUBMITTED TRIFID:	ASSIGNED TRIFID:
98108RLMJ8531E	98108RLMJR8531E

DQA #1 According to our preliminary analysis, you may have made a mathematical error in calculating values in Section 8 for this toxic chemical. Since you have reported a value of zero or NA for remedial actions, catastrophic events or one time events not associated with production processes in Part II Section 8.8, the sum of estimates reported in Section 8.1c Column B, Section 8.1d Column B, and Section 8.7 Column B should be based on the data collected to complete Section 6.1 and Section 6.2 associated with disposal and treatment codes. EPA has summed your Section 6.1 and Section 6.2 quantities and found this calculated value to differ from the sum of the Section 8.1c Column B, Section 8.1d Column B, and Section 8.7 Column B quantities by more than 5%. When encountering a range code, EPA includes the mid point of the range code in its calculation. This discrepancy may be the result of your use of a value other than the mid point of a range code or may be the result of rounding in Section 8. Please review your Part II, Section 8.1c Column B and Section 8.1d Column B and 8.7 Column B estimates and confirm that you have properly summed Part II, Section 6 release, disposal, and transfer data.

Part II Section 6.1,6.2,8.1,8.7 MULTI SECTION ALERT

Reporting Year: 2004
Chemical Name: NICKEL

Form R Report

DCN: 13-04-207-14270-6
File Number: SU-10-00000156-0

PART I:

1.0 Reporting Year: 2004

2.0 Trade Secret Information: 2.1 Trade Secret: NO 2.2 Sanitized: NO

3.0 Certification: Official Name: RONALD ALTIER Title: VICE PRESIDENT ADMINISTRATION Date Signed: 02-06-2010

4.2 This Report Contains Information for:

a. An entire facility: YES b. Part of a facility: NO c. A Federal Facility: NO GOCO: NO

Withdrawal Reason

4.5 SIC Code(s): 3462 - Primary SIC

Revision Reason

PART II:

1.0 Toxic Chemical Identity:

1.1 CAS Number or Chemical Category Code: 7440020

1.2 Toxic Chemical or Chemical Category Name: NICKEL

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category:

1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17:

2.0 Mixture Component Identity:

2.1 Generic Chemical Name Provided By Supplier: NA

3.0 Activities and Uses of the Toxic Chemical at the Facility:

3.1 Manufacture the toxic chemical:

If Produce or Import:

A. Produce: YES

C. For on-site use/processing: NO

B. Import: NO

D. For sale/distribution: NO

E. As a byproduct: NO

F. As an impurity: YES

3.2 Process the toxic chemical:

A. As a reactant: NO

B. As a formulation component: NO

C. As an article component: YES

D. Repackaging: NO

E. As an impurity: NO

3.3 Otherwise use the toxic chemical:

A. As a chemical processing aid: NO

B. As a manufacture aid: NO

C. Ancillary or other use: NO

4.1 Maximum Amount of the Toxic Chemical On-Site at any Time During the Year: 02

Range from 100 To 999 (lb)

5.0 Quantity of the Toxic Chemical Entering Each Environmental Medium On-site

Air Emissions	A. Total Release	B. Basis of Estimate
5.1 Fugitive Or Non-Point Air Emissions	<u>NA</u>	
5.2 Stack Or Point Air Emissions	<u>NA</u>	

Reporting Year: 2004

Form R continued

DCN: 13-04-207-14270-6
File Number: SU-10-00000156-0

Chemical Name: NICKEL

5.3 Discharges to Receiving Streams or Water Bodies	A. Total	B. Basis of	C. % from
Stream or water body name:	Release	Estimate	Stormwater
5.3.1 NA			

Underground Injection/Land Disposal	A. Total	B. Basis of
	Release	Estimate
5.4.1 Underground Injection On-Site To Class I Wells	NA	
5.4.2 Underground Injection On-Site To Class II-V Wells	NA	
5.5.1A RCRA Subtitle C Landfills	NA	
5.5.1B Other Landfills	NA	
5.5.2 Land Treatment / Application Farming	NA	
5.5.3A RCRA Subtitle C surface impoundments	NA	
5.5.3B Other surface impoundments	NA	
5.5.4 Other Disposal	NA	

6.0 Transfers of the Toxic Chemical in Wastes to Off-site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers: NA 6.1.A.2 Basis of Estimate:

6.1.B.1 POTW NAME:

POTW Address:

City: County: State: Zip:

6.2 Transfers to Other Off-site Locations

6.2.1 Off-Site EPA Identification Number (RCRA ID No.) : ORD089452353

Off-Site Location Name: CHEMICAL WASTE MANAGEMENT OF THE NORTHWEST

Off-site Address: 17629 CEDAR SPRINGS LN

City: ARLINGTON State: OR County: GILLIAM Province: Zip: 97812 Country:

Location under control of reporting facility or parent company: NO

A. Total	B. Basis of	C. Type of Waste Treatment/Disposal/
Transfers	Estimate	Recycling/Energy Recovery
1 698 Pounds	M-Data Monitoring Or Measurements	M41-Solidification/Stabilization-Metals and Metal Compounds only

6.2.2 Off-Site EPA Identification Number (RCRA ID No.) : ORQ000014886

Off-Site Location Name: WASCO COUNTY LANDFILL

Off-site Address: 2550 STEELE RD

City: THE DALLES State: OR County: WASCO Province: Zip: 97058 Country:

Location under control of reporting facility or parent company: NO

A. Total	B. Basis of	C. Type of Waste Treatment/Disposal/
Transfers	Estimate	Recycling/Energy Recovery
1 28000 Pounds	O - Other	M64 - Other Landfills

Reporting Year: 2004
Chemical Name: NICKEL

Form R continued

DCN: 13-04-207-14270-6
File Number: SU-10-00000156-0

7A On-Site Waste Treatment Methods & Efficiency

- 7A.1 a. General Waste Stream: NA
b. Waste Treatment Method Sequence:
c. Range of Influent Concentration:
d. Waste Treatment Efficiency Estimate(%):
e. Based on Operating Data:

7B On-site Energy Recovery Processes

1. NA

7C On-site Recycling Processes

1. NA

8.0 Source Reduction & Recycling Activities *

*Note: All values are in Pounds

		Col. A Prior Year	Col. B Current Year	Col. C Following Year	Col. D Second Following Year
8.1a	Total on-site disposal to UIC Class I Wells, RCRA Subtitle C landfills and other landfills	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.1b	Total other on-site disposal or other releases	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.1c	Total off-site disposal to UIC Class I Wells, RCRA Subtitle C landfills and other landfills	<u>0</u>	<u>28000</u>	<u>31000</u>	<u>34000</u>
8.1d	Total other off-site disposal or other releases	<u>NA</u>	<u>700</u>	<u>770</u>	<u>850</u>
8.2	Quantity Used For Energy Recovery On-Site	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.3	Quantity Used For Energy Recovery Off-Site	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.4	Quantity Recycled On-Site	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.5	Quantity Recycled Off-Site	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.6	Quantity Treated On-Site	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.7	Quantity Treated Off-Site	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
8.8	Quantity Released as a Result of Remedial, Catastrophic, or One Time Events	<u>NA</u>			
8.9	Production Ratio or Activity Index	<u>1.66</u>			

Reporting Year: 2004
Chemical Name: NICKEL

Form R continued

DCN: 13-04-207-14270-6
File Number: SU-10-00000156-0

8.10 Source Reduction Activities:

Method A

Method B

Method C

8.10.1 NA

8.11 Additional Information Included: NO
